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REPORT

STATISTICAL
REPORT NO. 26-88
February 26, 1988

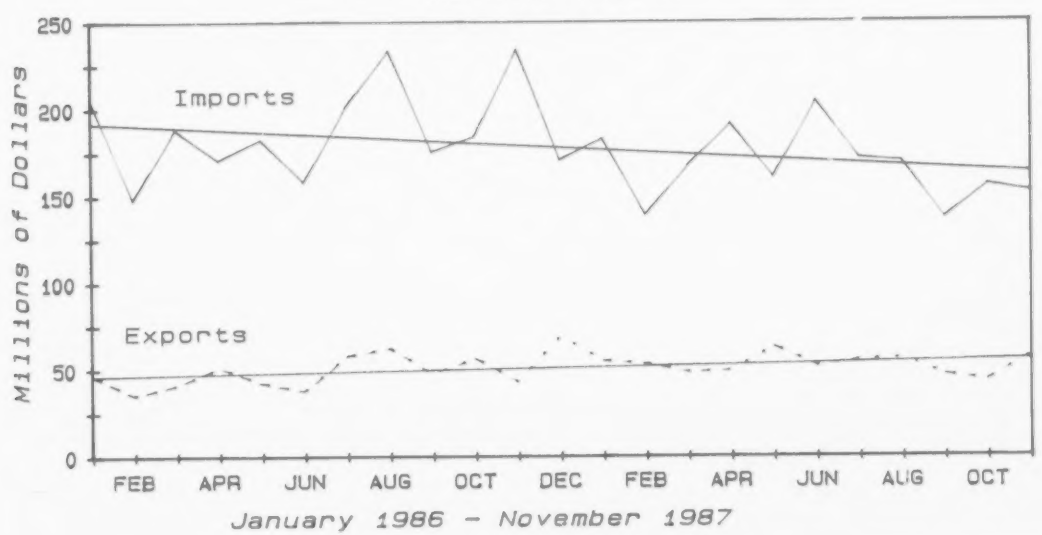
U.S. FOREIGN TRADE IN MACHINE TOOLS - NOVEMBER 1987

During November of 1987, U.S. exports of machine tools rose 33% from their October 1987 level, resulting in a year-to-date total of $578.4 million. This represents an increase of 11% over the same period last year. U.S. imports fell from $156.2 million in October to $151.9 million in November of 1987. Compared to the first eleven months of 1986, U.S. imports declined 12% to a level of $1,830.1 million in 1987. U.S. foreign trade in machine tools during November of 1987 produced a trade deficit of $94.3 million, bringing the year-to-date total deficit to $1,251.7 million, down 20% from the same period last year.

U.S. Machine Tool Trade
($Millions)

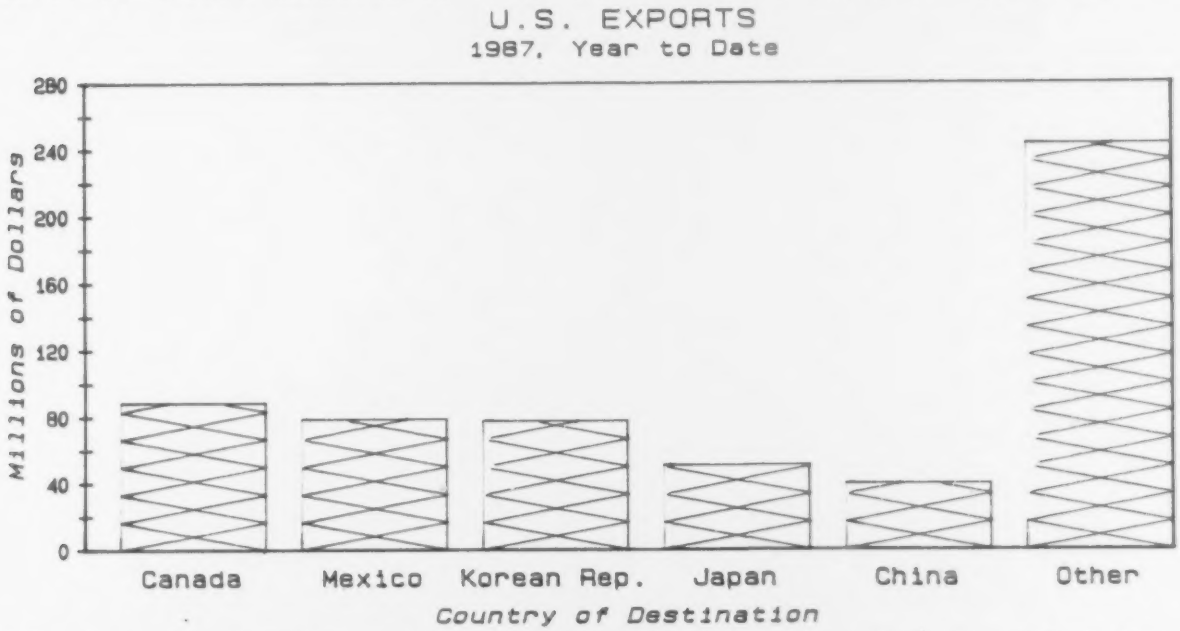
	November 1987			Eleven Month Total		
	Exports	Imports	Surplus (Deficit)	Exports	Imports	Surplus (Deficit)
Metal Cutting	$ 33.8	$ 105.0	($ 71.2)	$ 342.8	$1,318.1	($ 975.3)
Metal Forming	$ 23.8	$ 46.8	($ 23.0)	$ 235.7	$ 512.0	($ 276.3)
Total	$ 57.6	$ 151.9	($ 94.3)	$ 578.4	$1,830.1	($1,251.7)

U.S. FOREIGN TRADE -- TOTAL MACHINE TOOLS
Monthly Totals

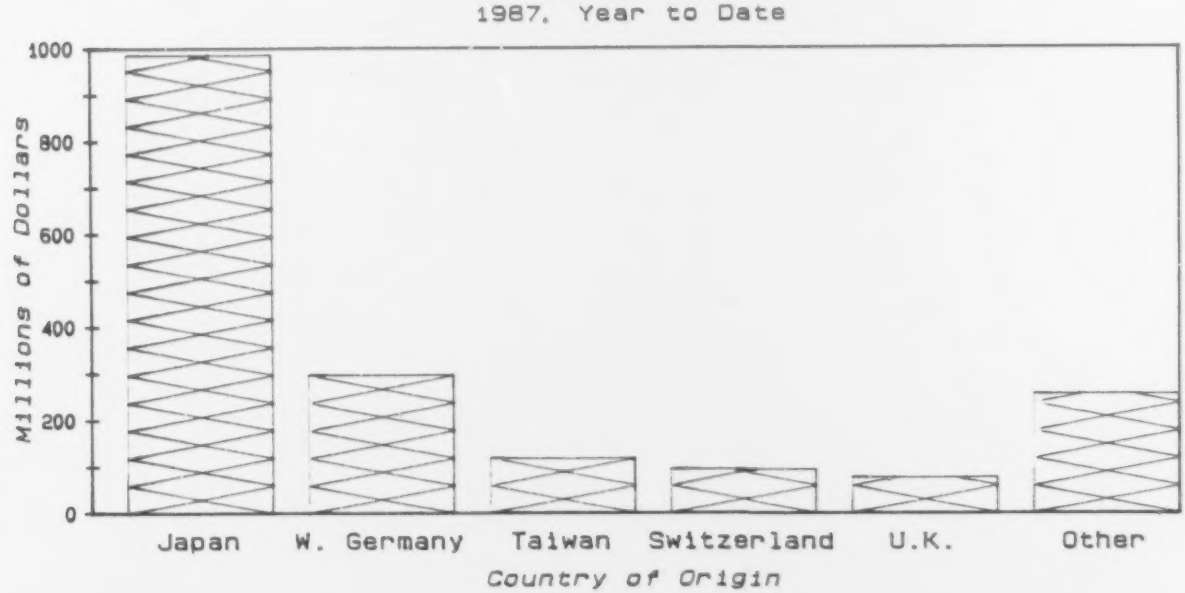


January 1986 - November 1987

Compared to October, U.S. exports of metal cutting machine tools increased 21% in November. This brought the eleven month total for 1987 to 6% above last year's level. While exports of metal forming machines rose 55% from October, the year-to-date total was 19% above the first eleven months of 1986. For January through November 1987, the leading export markets were (in millions): Canada ($88.7), Mexico ($78.7), Korean Republic ($77.6), Japan ($50.7) and China ($39.5).



U.S. imports of metal cutting machine tools in November were 4% below October's level. Metal forming imports equaled last month's total of $46.8 million. Compared to the first eleven months of 1986, imports of metal cutting machinery declined 14% and metal forming imports fell 6%. The leading exporters of machine tools to the U.S. during the first eleven months of 1987 were (in millions): Japan ($986.1), West Germany ($297.5), Taiwan ($118.1), Switzerland ($94.0) and the United Kingdom ($77.0).



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U S IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

RELEASED: FEBRUARY 26, 1988

		TOTAL YTD		TOTAL MO	
674	METAL CUTTING	UNITS	$000	UNITS	$000
3025	Gear Hobbers	80	13095	2	462
3035	Gear Shapers	49	6062	0	0
3045	Gear Cutting Machines, N.E.C.	30	2156	8	659
3404	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	1433	119391	85	6240
3406	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	189	17298	6	659
3409	Horizontal Machining Centers, ATC, NC	650	101844	54	8213
3411	Machining Centers, NC, N.E.C.	437	53227	43	1210
3412	Single Station and Multi-Station Transfer Machines	99	22077	9	1922
3413	Way Type Machines, (Unit Heads)	3	179	0	0
3417	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	8	3354	1	224
3418	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	102	17406	3	1154
3419	Vertical Boring-Drilling-Milling Machines, NC	159	13415	1	480
3422	Horiz. Boring-Drilling-Milling Machines, Non-NC	34	2627	6	976
3423	Vertical Boring-Drilling-Milling Machines, Non-NC	229	5611	4	603
3328	Drilling Machines, NC	138	6209	7	158
3329	Drilling Machines, Multi-Spindle, Non-NC	68	1874	11	63
3334	Drilling Machines, Radial, Non-NC	175	971	8	53
3336	Drilling Machines, Upright, Single Spindle, Non-NC	52	452	4	53
3342	Drilling Machines, Non-NC, N.E.C.	684	16475	69	1437
3464	Milling Machines, NC	589	39144	49	7227
3466	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	13	731	0	0
3467	Milling Machines, Knee Type, Non-NC	2627	15680	139	980
3468	Milling Machines, Bed Type, Non-NC	207	6302	11	283
3469	Milling Machines, Non-NC, N.E.C.	960	20183	86	813
3476	Vertical Boring Machines, Incl. VTL's, NC	26	5408	1	850
3477	Vertical Boring Machines, Incl. VTL's, Non-NC	88	2395	5	250
3481	Boring Machines, NC, N.E.C.	37	4254	6	830
3483	Boring Machines, Non-NC N.E.C.	310	19107	22	5218
3504	Horizontal Lathes, Multi-Spindle, NC	104	9773	11	1474
3506	Horizontal Lathes, Single Spindle, Less than 25 HP, NC	2755	155195	199	13701
3508	Horizontal Lathes, Single Spindle, 25-50 HP, NC	393	41347	27	3121
3510	Horizontal Lathes, Single Spindle, Over 50 HP, NC	157	12767	0	0
3512	Horizontal Engine & Toolroom Lathes, Non-NC	2770	21417	226	1783
3513	Automatic Chucking Lathes, Single Spindle, Non-NC	78	2993	1	104
3514	Automatic Chucking Lathes, Multi-Spindle, Non-NC	37	5170	2	10
3515	Automatic Bar Machines, Single Spindle, Non-NC	50	2229	1	51
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	44	1819	1	9
3518	Horizontal Lathes, Non-NC, N.E.C.	189	2805	4	56
3505	Vertical Lathes, Multi-Spindle, NC	101	7387	5	891
3519	Vertical Lathes, NSPF, NC	213	21142	4	190
3522	Vertical Lathes, Excl. VTL's, Non-NC	873	18577	99	3268
3527	Gear Tooth Grinding & Finishing Machines	303	23658	75	1774
3528	Tool & Cutter Grinding Machines, NC	32	1589	5	117
3529	Tool & Cutter Grinding Machines, Non-NC	956	17734	113	1770
3533	Honing & Lapping Machines	266	10061	25	558
3539	Grinding Machines, Flat Surface, NC	45	4280	1	110
3541	Grinding Machines, Flat Surface, Reciprocating Table, Non-NC	237	4114	19	168
3543	Grinding Machines, Flat Surface, Non-NC, N.E.C.	1866	23677	143	2702
3546	Grinding & Polishing Machines, NC, N.E.C.	334	26941	11	2948
3554	External Grinding Machines, Non-NC	241	9436	14	990
3556	Internal Grinding Machines, Non-NC	23	2158	3	604
3558	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	101	7810	7	703
3559	Grinding Machines, Non-NC, N.E.C.	1417	51169	103	2987
3562	Traveling Wire Electrical Discharge Machines	544	38664	43	3644
3564	All Other Electrical Discharge Machines	361	17105	22	1730
3567	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	105	14011	22	2741
3571	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	144	7516	22	1318
3576	Metal Cutting Machines Tools, NC, N.E.C.	109	69892	10	413
3577	Sawing & Cut-Off Machines, Non-NC	1375	16111	155	1450
3578	Broaching Machines, Non-NC	60	2669	23	1456
3579	Metal Cutting Machine Tools, Non-NC, N.E.C.	1295	39033	103	2351
4000	Metal Cutting Machine Tools, Used or Rebuilt*	4370	18678	173	1159
5000	Metal Cutting Machine Tools, Less Than $2500**	1040041	92136	91233	7671
	TOTAL CUTTING			93515	105048
	TOTAL CUTTING YTD	1071265	1318103		
674	METAL FORMING				
1010	Die Casting Machines	392	18710	58	1126
3582	Metal Forming Machine Tools, Used or Rebuilt	500	6321	24	420
3583	Metal Forming Machine Tools, Less Than $2500	23963	8012	3064	942
3584	Punching and Shearing Machines, Incl. Combination, NC	300	39348	25	1648
3586	Shearing Machines, Non-NC	673	14048	37	537
3587	Punching & Combination Punching & Shearing Machines, Non-NC	552	8487	46	562
3588	Bending, Folding, Straightening & Flattening Machines, NC	206	15090	27	1434
3589	Press Brakes, Non-NC	610	15945	40	1256
3591	Bending Rolls, Ram & Press Bending Machines, Non-NC	123	1668	23	198
3592	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	1005	23071	89	1295
3593	Metal Forming Machine Tools, NC, N.E.C.	112	22177	1	56
3594	Mechanical Presses, Non-NC	1230	104356	213	16584
3595	Hydraulic Presses, Vertical, Single Action, Non-NC	241	42133	11	316
3596	Hydraulic & Pneumatic Presses, Non-NC, N.E.C.	551	115702	30	8282
3597	Headers & Upsetters, Non-NC	117	6172	3	161
3598	Forging Machines, Non-NC, N.E.C.	145	12317	19	5674
3599	Metal Forming Machine Tools, Non-NC, N.E.C.	1548	58365	247	6317
	TOTAL FORMING			3957	46812
	TOTAL FORMING YTD	32268	511957		
	TOTAL ALL TYPES			97472	151860
	TOTAL ALL TYPES YTD	1103533	1830060		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3415, 3326, 3461, 3472, 3502, 3524, & 3573

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3100, 3462, 3473, 3503, 3526, & 3574

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		ITALY	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	1	68	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	1	87	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	2	867
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	0	0	1	12	0	0
3464	0	0	0	0	0	0	1	575	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	1	5	0	0	0	0	1	9	21	84
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	1	4
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	7	104
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	2	192	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	7	93	0	0	0	0	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	53	538	0	0	0	0	1	39	3	27
3527	59	278	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	5	117
3529	0	0	0	0	0	0	1	3	0	0
3533	0	0	0	0	0	0	0	0	12	58
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	17	132
3543	0	0	0	0	0	0	0	0	1	241
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	0	0	0	0
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	2	73
3559	2	14	0	0	19	107	1	14	13	900
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	6	37	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	1	15	6	16	24	134
3578	0	0	0	0	0	0	0	0	0	0
3579	5	58	0	0	0	0	1	16	0	0
4000	0	0	1	4	0	0	0	0	7	101
5000	332	272	0	0	18	16	426	170	1054	275
CUT MO	459	1259	1	4	38	137	449	1239	1169	3117
CUT YTD	2460	8766	665	1245	2111	1433	7192	12358	6949	43368
1010	0	0	0	0	0	0	0	0	5	209
3582	0	0	0	0	0	0	0	0	0	0
3583	49	5	1	2	0	0	8	1	508	109
3584	0	0	0	0	0	0	0	0	0	0
3586	0	0	0	0	0	0	0	0	10	142
3587	0	0	0	0	0	0	0	0	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	8	361	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	1	3
3592	0	0	2	14	0	0	0	0	14	445
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	8	27
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	2	33	0	0	0	0	2	18
3597	0	0	0	0	0	0	0	0	0	0
3598	3	5022	0	0	0	0	0	0	8	38
3599	7	20	0	0	5	97	1	117	5	83
FRM MO	59	5047	13	410	5	97	9	118	561	1074
FRM YTD	152	6245	456	7766	38	333	527	3108	2799	25987
TOT MO	518	6306	14	414	43	234	458	1357	1730	4191
TOT YTD	2612	15012	1121	9011	2149	1767	7719	15466	9748	69355

U S IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	NETHERLANDS		PORTUGAL		SPAIN		SWEDEN		SWITZERLAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	1	277
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	0	0	0	0	0	0
3406	0	0	0	0	0	0	0	0	0	0
3409	0	0	0	0	0	0	3	207	0	0
3411	0	0	0	0	0	0	0	0	0	0
3412	0	0	0	0	0	0	1	167	6	878
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	0	0	0	0	1	750
3419	0	0	0	0	0	0	0	0	1	480
3422	0	0	0	0	0	0	0	0	2	36
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	1	7
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	0	0	0	0	0	0
3342	0	0	0	0	22	72	0	0	3	705
3464	0	0	0	0	0	0	0	0	10	1325
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	81	618	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	0	0	0	0	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	0	0	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	0	0	0	0	0	0	0	0	1	464
3504	0	0	0	0	0	0	0	0	0	0
3506	0	0	0	0	0	0	0	0	0	0
3508	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	1	61	0	0	0	0
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	1	51
3516	0	0	0	0	1	9	0	0	0	0
3518	0	0	0	0	0	0	1	4	0	0
3505	0	0	0	0	0	0	0	0	0	0
3519	0	0	0	0	0	0	0	0	0	0
3522	0	0	0	0	1	8	0	0	7	1479
3527	0	0	0	0	0	0	0	0	4	359
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	4	38
3533	0	0	0	0	0	0	2	11	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	0	0	3	253	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3554	0	0	0	0	0	0	4	310	2	87
3556	0	0	0	0	0	0	0	0	0	0
3558	0	0	0	0	0	0	0	0	1	231
3559	4	132	0	0	0	0	1	3	3	254
3562	0	0	0	0	0	0	0	0	7	829
3564	0	0	0	0	0	0	0	0	7	595
3567	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3576	0	0	0	0	0	0	0	0	0	0
3577	0	0	0	0	0	0	0	0	2	67
3578	0	0	0	0	0	0	0	0	0	0
3579	6	177	0	0	0	0	1	3	2	131
4000	0	0	0	0	1	9	0	0	2	18
5000	0	0	0	0	0	0	119	51	468	56
CUT MO	10	309	0	0	110	1030	132	756	536	9116
CUT YTD	696	5921	105	362	1845	12922	1847	11373	7570	74583
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	6	272
3583	0	0	0	0	109	80	174	49	20	9
3584	0	0	0	0	0	0	0	0	4	545
3586	0	0	0	0	0	0	0	0	0	0
3587	0	0	0	0	18	151	8	88	1	78
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	2	15	0	0	0	0	0	0
3591	0	0	0	0	0	0	0	0	0	0
3592	1	54	0	0	0	0	7	99	13	91
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3596	0	0	0	0	0	0	2	321	1	13
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	5	38	0	0	4	368	0	0	5	98
FRM MO	6	92	2	15	131	600	191	556	50	1106
FRM YTD	162	2280	43	566	352	2027	1770	6243	924	19428
TOT MO	16	401	2	15	241	1629	323	1312	586	10222
TOT YTD	858	8201	148	928	2197	14948	3617	17615	8494	94011

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	U. KINGDOM		W. GERMANY		YUGOSLAVIA		CANADA		BRAZIL	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	7	648	0	0	0	0	0	0
3404	7	337	0	0	0	0	0	0	0	0
3406	2	191	0	0	0	0	0	0	0	0
3409	2	176	0	0	0	0	0	0	0	0
3411	0	0	2	230	0	0	0	0	0	0
3412	1	101	1	776	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	1	224	0	0
3418	0	0	0	0	0	0	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	1	20	0	0	0	0	0	0
3423	0	0	0	0	0	0	0	0	0	0
3328	0	0	0	0	0	0	0	0	0	0
3329	0	0	0	0	0	0	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	1	7	0	0	0	0	0	0
3342	5	171	4	155	0	0	1	40	14	120
3464	10	496	0	0	0	0	1	7	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	0	0	0	0	0	0
3469	9	305	0	0	0	0	0	0	0	0
3476	0	0	0	0	0	0	0	0	0	0
3477	1	133	0	0	0	0	0	0	0	0
3481	0	0	0	0	0	0	0	0	0	0
3483	1	142	1	3815	0	0	2	23	0	0
3504	0	0	0	0	0	0	1	10	0	0
3506	0	0	7	1168	0	0	0	0	0	0
3508	0	0	4	602	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	76	599	0	0	0	0	0	0	27	227
3513	0	0	0	0	0	0	0	0	0	0
3514	0	0	1	3	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	3	52	0	0	0	0	0	0	0	0
3505	0	0	1	556	0	0	0	0	0	0
3519	0	0	0	0	0	0	2	38	0	0
3522	19	247	11	781	0	0	0	0	0	0
3527	0	0	4	1070	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	13	174	75	811	0	0	4	29	0	0
3533	2	54	6	365	0	0	0	0	0	0
3539	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3543	0	0	23	535	6	41	1	16	0	0
3546	1	126	4	1410	0	0	0	0	0	0
3554	0	0	4	262	0	0	0	0	0	0
3556	0	0	2	528	0	0	0	0	0	0
3558	1	18	0	0	0	0	0	0	0	0
3559	9	98	9	501	0	0	6	24	0	0
3562	0	0	0	0	0	0	0	0	0	0
3564	0	0	0	0	0	0	0	0	0	0
3567	0	0	3	1089	0	0	0	0	0	0
3571	4	36	0	0	0	0	0	0	0	0
3576	0	0	2	162	0	0	0	0	0	0
3577	0	0	30	205	6	15	17	205	0	0
3578	22	1452	1	3	0	0	0	0	0	0
3579	6	157	23	371	0	0	17	168	0	0
4000	43	87	17	218	0	0	29	275	0	0
5000	1916	591	1526	367	40	56	361	176	0	0
CUT MO	2153	5742	1770	16684	52	112	443	1234	41	347
CUT YTD	10749	61644	64819	240623	401	3716	6265	18443	318	2026
1010	12	79	24	241	0	0	17	598	0	0
3582	1	12	1	6	0	0	11	87	0	0
3583	5	9	252	68	0	0	11	15	0	0
3584	0	0	10	208	0	0	0	0	0	0
3586	6	98	1	9	0	0	6	82	0	0
3587	0	0	16	145	0	0	0	0	0	0
3588	0	0	8	706	0	0	0	0	0	0
3589	0	0	4	74	0	0	13	438	0	0
3591	2	100	0	0	0	0	0	0	0	0
3592	0	0	6	196	0	0	27	246	0	0
3593	0	0	1	56	0	0	0	0	0	0
3594	0	0	0	0	0	0	0	0	10	4918
3595	0	0	3	169	0	0	2	49	0	0
3596	1	5	2	137	0	0	3	1631	0	0
3597	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	581	0	0	2	17	0	0
3599	21	592	104	2499	0	0	31	657	0	0
FRM MO	48	895	433	5094	0	0	123	3820	10	4918
FRM YTD	1340	15395	4555	56891	1	12	1800	25940	11	4933
TOT MO	2201	6637	2203	21779	52	112	566	5054	51	5265
TOT YTD	12089	77039	69374	297514	402	3728	8065	44383	329	6959

U.S. IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	CHINA		ISRAEL		JAPAN		KOREAN REP		SINGAPORE	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	1	185	0	0	0	0
3035	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3404	0	0	0	0	74	5424	0	0	0	0
3406	0	0	0	0	4	468	0	0	0	0
3409	0	0	1	81	47	7662	0	0	0	0
3411	0	0	0	0	38	697	0	0	0	0
3412	0	0	0	0	0	0	0	0	0	0
3413	0	0	0	0	0	0	0	0	0	0
3417	0	0	0	0	0	0	0	0	0	0
3418	0	0	0	0	2	404	0	0	0	0
3419	0	0	0	0	0	0	0	0	0	0
3422	0	0	0	0	0	0	0	0	0	0
3423	0	0	0	0	4	603	0	0	0	0
3328	0	0	0	0	3	131	0	0	0	0
3329	0	0	0	0	10	57	0	0	0	0
3334	0	0	0	0	0	0	0	0	0	0
3336	0	0	0	0	3	46	0	0	0	0
3342	0	0	0	0	10	132	0	0	0	0
3464	0	0	0	0	12	4051	1	118	0	0
3466	0	0	0	0	0	0	0	0	0	0
3467	0	0	0	0	0	0	0	0	0	0
3468	0	0	0	0	1	51	0	0	0	0
3469	10	44	0	0	4	178	0	0	0	0
3476	0	0	0	0	1	850	0	0	0	0
3477	0	0	0	0	0	0	2	93	0	0
3481	0	0	0	0	3	663	0	0	0	0
3483	0	0	0	0	7	637	0	0	0	0
3504	0	0	0	0	10	1464	0	0	0	0
3506	0	0	0	0	181	11871	8	409	0	0
3508	0	0	0	0	22	2445	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	26	165	15	128
3513	0	0	0	0	1	104	0	0	0	0
3514	1	7	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	4	335	0	0	0	0
3519	0	0	0	0	2	152	0	0	0	0
3522	0	0	0	0	2	104	0	0	0	0
3527	0	0	0	0	1	34	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	7	649	0	0	0	0
3533	0	0	0	0	3	70	0	0	0	0
3539	0	0	0	0	1	110	0	0	0	0
3541	0	0	0	0	0	0	0	0	2	36
3543	0	0	0	0	50	1399	0	0	0	0
3546	0	0	0	0	6	1413	0	0	0	0
3554	0	0	0	0	3	325	0	0	0	0
3556	0	0	0	0	1	46	0	0	0	0
3558	0	0	0	0	3	381	0	0	0	0
3559	0	0	0	0	13	808	0	0	3	34
3562	0	0	0	0	31	2792	0	0	0	0
3564	0	0	0	0	11	1071	0	0	0	0
3567	0	0	0	0	10	1510	0	0	0	0
3571	0	0	0	0	12	1245	0	0	0	0
3576	0	0	0	0	8	251	0	0	0	0
3577	0	0	1	44	18	576	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3579	0	0	0	0	40	1264	0	0	0	0
4000	0	0	0	0	23	298	0	0	0	0
5000	3	6	0	0	4089	689	0	0	4	8
CUT MO	14	57	2	126	4776	53644	37	784	24	206
CUT YTD	4983	3138	34	1213	66610	669138	1173	12830	3024	6966
1010	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	3	25	0	0	0	0
3583	0	0	0	0	343	331	0	0	0	0
3584	0	0	0	0	11	894	0	0	0	0
3586	0	0	0	0	5	124	0	0	8	76
3587	0	0	0	0	3	100	0	0	0	0
3588	0	0	0	0	19	728	0	0	0	0
3589	0	0	0	0	10	334	0	0	1	19
3591	0	0	0	0	0	0	0	0	1	7
3592	0	0	0	0	9	101	0	0	0	0
3593	0	0	0	0	0	0	0	0	0	0
3594	0	0	0	0	192	11194	0	0	0	0
3595	0	0	0	0	0	0	0	0	5	90
3596	0	0	0	0	13	6084	0	0	1	7
3597	0	0	1	20	2	141	0	0	0	0
3598	0	0	0	0	0	0	0	0	0	0
3599	0	0	3	135	35	1361	16	55	0	0
FRM MO	0	0	4	155	645	21416	16	55	16	200
FRM YTD	196	9	115	1976	7149	316931	85	304	142	1666
TOT MO	14	57	6	281	5421	75060	53	840	40	406
TOT YTD	5179	3146	149	3189	73759	986069	1258	13133	3166	8632

U S IMPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF ORIGIN BY TYPE OF MACHINE
NOVEMBER 1987

	TAIWAN		AUSTRALIA		ALL OTHERS	
674	UNITS	$000	UNITS	$000	UNITS	$000
3025	0	0	0	0	0	0
3035	0	0	0	0	0	0
3045	0	0	0	0	1	11
3404	3	411	0	0	0	0
3406	0	0	0	0	0	0
3409	0	0	0	0	0	0
3411	1	126	0	0	2	158
3412	0	0	0	0	0	0
3413	0	0	0	0	0	0
3417	0	0	0	0	0	0
3418	0	0	0	0	0	0
3419	0	0	0	0	0	0
3422	1	52	0	0	0	0
3423	0	0	0	0	0	0
3328	4	28	0	0	0	0
3329	0	0	0	0	0	0
3334	6	44	0	0	2	9
3336	0	0	0	0	0	0
3342	9	31	0	0	0	0
3464	14	656	0	0	0	0
3466	0	0	0	0	0	0
3467	55	323	0	0	3	38
3468	10	232	0	0	0	0
3469	37	174	0	0	3	14
3476	0	0	0	0	0	0
3477	1	19	0	0	0	0
3481	3	167	0	0	0	0
3483	0	0	0	0	3	33
3504	0	0	0	0	0	0
3506	0	0	0	0	1	61
3508	1	74	0	0	0	0
3510	0	0	0	0	0	0
3512	63	354	0	0	11	156
3513	0	0	0	0	0	0
3514	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3505	0	0	0	0	0	0
3519	0	0	0	0	0	0
3522	0	0	0	0	2	43
3527	7	34	0	0	0	0
3528	0	0	0	0	0	0
3529	9	67	0	0	0	0
3533	0	0	0	0	0	0
3539	0	0	0	0	0	0
3541	0	0	0	0	0	0
3543	27	194	1	15	1	9
3546	0	0	0	0	0	0
3554	1	6	0	0	0	0
3556	0	0	0	0	0	0
3558	0	0	0	0	0	0
3559	20	98	0	0	0	0
3562	0	0	5	23	0	0
3564	4	64	0	0	0	0
3567	0	0	9	141	0	0
3571	0	0	0	0	0	0
3576	0	0	0	0	0	0
3577	50	173	0	0	0	0
3578	0	0	0	0	0	0
3579	2	8	0	0	0	0
4000	47	138	0	0	3	12
5000	63336	4351	45	28	17496	560
CUT MO	63711	7821	60	208	17528	1105
CUT YTD	788703	114702	207	1013	92539	10206
1010	0	0	0	0	0	0
3582	0	0	0	0	2	18
3583	1538	194	0	0	46	70
3584	0	0	0	0	0	0
3586	1	5	0	0	0	0
3587	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	2	15	0	0	0	0
3591	0	0	0	0	19	89
3592	10	49	0	0	0	0
3593	0	0	0	0	0	0
3594	0	0	0	0	3	446
3595	0	0	0	0	1	8
3596	0	0	3	32	0	0
3597	0	0	0	0	0	0
3598	0	0	0	0	5	16
3599	2	43	2	64	1	90
FRM MO	1553	306	5	97	77	735
FRM YTD	9038	3439	50	444	563	10000
TOT MO	65264	8127	65	305	17605	1840
TOT YTD	797741	118141	257	1458	93102	20205

U.S. IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
NOVEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	0	0	0	0
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	7	52	0	0	7	52
EAST GERMANY	3	38	1	8	4	46
FINLAND	0	0	2	18	2	18
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
IRELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	1	12	13	5	14	17
POLAND	11	184	0	0	11	184
ROMANIA	0	0	0	0	0	0
USSR	1	3	0	0	1	3
OTHER EUROPE	0	0	0	0	0	0
TOTAL	23	289	16	31	39	320
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	0	0	0	0
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	0	0	0	0
CAYMAN	0	0	0	0	0	0
COSTA RICA	3	4	0	0	3	4
DOMINICAN REP	2	158	0	0	2	158
FR. W. INDIES	0	0	0	0	0	0
GUATEMALA	0	0	0	0	0	0
HAITI	0	0	0	0	0	0
HONDURAS	0	0	0	0	0	0
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
MEXICO	17427	545	20	130	17447	675
NICARAGUA	0	0	0	0	0	0
N. ANTILLES	0	0	0	0	0	0
PANAMA	0	0	0	0	0	0
SALVADOR	0	0	0	0	0	0
TRINIDAD	0	0	0	0	0	0
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	17432	708	20	130	17452	838
OTHER SOUTH AMERICA						
ARGENTINA	0	0	0	0	0	0
BOLIVIA	0	0	0	0	0	0
CHILE	0	0	0	0	0	0
COLOMBIA	0	0	0	0	0	0
ECUADOR	0	0	0	0	0	0
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	0	0	0	0	0	0
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
VENEZUELA	0	0	0	0	0	0
OTHER S. AM	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0
OTHER OCEANIA						
FR. PAC. IS.	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
NEW ZEALAND	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR. PAC. IS.	0	0	0	0	0	0
OTH. PAC. IS.	0	0	0	0	0	0
OTHER OCEANIA.	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

U S IMPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF ORIGIN
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE ALL OTHER COLUMN
NOVEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGLADESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
HONG KONG	0	0	5	16	5	16
INDIA	10	43	0	0	10	43
INDONESIA	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	1	61	0	0	1	61
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	0	0	0	0	0	0
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PAKISTAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	0	0	0
QATAR	0	0	0	0	0	0
SAUDI ARABIA	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	60	3	0	0	60	3
TURKEY	0	0	0	0	0	0
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	71	107	5	16	76	122
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMEY	0	0	0	0	0	0
EGYPT	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAG. REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
REP S AFRICA	2	1	36	559	38	561
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S W AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	2	1	36	559	38	561

SOURCE U S DEPARTMENT OF COMMERCE CENSUS REPORT NO IM146, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N E C - NOT ELSEWHERE CLASSIFIED 3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING 4)MACHINE TOOL IMPORTS, AS REFLECTED IN THE GOVERNMENT STATISTICS, ARE ACTUALLY UNDERVALUED SINCE THEY REFLECT VALUES IN THE COUNTRY OF ORIGIN AND DO NOT INCLUDE OCEAN FREIGHT, INSURANCE, COMMISSIONS OR IMPORT DUTIES.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

RELEASED: FEBRUARY 26, 1988

		TOTAL YTD		TOTAL MO	
674	METAL CUTTING	UNITS	$000	UNITS	$000
3020	Gear Hobbers & Shapers	48	5889	4	839
3045	Gear Cutting Machines, N.E.C.	96	26594	14	4255
3204	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel 26" or Less	29	1734	2	182
3206	Vertical Mach. Ctrs. ATC, NC, Y-Axis Travel Over 26"	3	538	1	122
3209	Horizontal Machining Centers, ATC, NC	20	5608	2	266
3211	Machining Centers, NC, N.E.C.	141	11659	3	301
3216	Single Station and Multi-Station Transfer Machines	23	14550	1	1815
3225	Way Type Machines (Unit Heads)	13	2245	0	0
3245	Horiz. Boring-Drilling-Milling Machines, Table Type, NC	10	1890	2	623
3246	Horiz. Boring-Drilling-Milling Machines, NC, N.E.C.	9	1224	1	105
3247	Vertical Boring-Drilling-Milling Machines, NC	11	992	0	0
3248	Horiz. Boring-Drilling-Milling Machines, Non-NC	15	1508	0	0
3249	Vertical Boring-Drilling-Milling Machines, Non-NC	64	2132	19	323
3254	Drilling Machines, NC	26	2645	3	286
3255	Drilling Machines, Multi-Spindle, Non-NC	46	2489	12	388
3256	Drilling Machines, Radial, Non-NC	39	394	0	0
3257	Drilling Machines, Upright, Single Spindle, Non-NC	12	239	0	0
3258	Drilling Machines, Non-NC, N.E.C.	186	3680	24	598
3264	Milling Machines, NC	62	16892	9	4501
3266	Milling Machines, Profiling, Dupl. & Die Sinking, Non-NC	19	641	0	0
3267	Milling Machines, Knee Type, Non-NC	2	66	1	26
3268	Milling Machines, Bed Type, Non-NC	2	112	0	0
3269	Milling Machines, Non-NC, N.E.C.	206	4608	74	740
3276	Vertical Boring Machines, Incl. VTLs, NC	5	1331	0	0
3277	Vertical Boring Machines, Incl. VTLs, Non-NC	129	9560	0	0
3281	Boring Machines, NC, N.E.C.	4	926	2	596
3283	Boring Machines, Non-NC, N.E.C.	65	4836	10	141
3503	Horizontal Lathes, Multi-Spindle, NC	10	1658	1	92
3505	Horizontal Lathes, Excl. Multi-Spindle, NC, Less Than 25 HP	84	7257	6	553
3507	Horizontal Lathes, Excl. Multi-Spindle, NC, 25-50 HP	22	3083	3	235
3509	Horizontal Lathes, Excl. Multi-Spindle, NC, Over 50 HP	11	2532	2	344
3510	Horizontal Engine & Toolroom Lathes, Non-NC	67	1100	3	54
3511	Automatic Chucking Lathes, Single Spindle, Non-NC	7	586	2	300
3512	Automatic Chucking Lathes, Multi-Spindle, Non-NC	18	1936	6	1195
3515	Automatic Bar Machines, Single-Spindle, Non-NC	38	1284	2	30
3516	Automatic Bar Machines, Multi-Spindle, Non-NC	41	1710	10	177
3518	Horizontal Lathes, Non-NC, N.E.C.	468	14362	23	913
3521	Vertical Lathes, Multi-Spindle, Excl. VTLs, NC	6	1342	0	0
3523	Vertical Lathes, Excl. Multi-Spindle & VTLs, NC	14	1401	1	35
3525	Vertical Lathes, Excl. VTLs, Non-NC	124	7895	8	694
3528	Grinding, Polishing, Honing & Lapping Machines, NC	179	29362	24	1969
3529	Gear Tooth Grinding & Finishing Machines, Non-NC	24	3526	4	550
3531	Tool & Cutter Grinding Machines, Non-NC	216	7272	19	301
3532	Honing & Lapping Machines, Non-NC	292	5245	21	205
3533	Grinding Machines, Flat Surface Reciprocating Table, Non-NC	111	1891	4	43
3538	Grinding Machines, Flat Surface, Non-NC, N.E.C.	335	21596	8	244
3541	External Grinding Machines, Non-NC	30	2218	5	674
3542	Internal Grinding Machines, Non-NC	24	3982	0	0
3544	Grinding, Polishing & Buffing Machines, Non-NC, N.E.C.	172	9431	23	956
3546	Grinding Machines, Non-NC, N.E.C.	323	9834	41	814
3547	Traveling Wire Electrical Discharge Machines	15	194	1	12
3549	All Other Electrical Discharge Machines	121	2426	5	115
3551	Spark Erosion, Ultrasonic & Electrolytic Machines, NC	14	844	1	53
3553	Spark Erosion, Ultrasonic & Electrolytic Machines, Non-NC	39	1621	7	692
3559	Metal Cutting Machine Tools, NC, N.E.C.	70	4900	5	216
3565	Sawing & Cut-Off Machines, Non-NC	435	6504	49	630
3566	Broaching Machines, Non-NC	13	383	7	177
3567	Metal Cutting Machine Tools, Non-NC, N.E.C.	151	7886	12	1021
4000	Metal Cutting Machine Tools, Used Or Rebuilt*	5395	39761	411	3077
5000	Metal Cutting Machine Tools, Less Than $2500**	26173	12677	1371	1103
	TOTAL CUTTING			2269	33784
	TOTAL CUTTING YTD	36327	342754		
674	METAL FORMING				
1011	Die Casting Machines & Parts	0	16787	0	2501
3568	Metal Forming Machine Tools, Used Or Rebuilt	683	18516	31	3126
3569	Metal Forming Machine Tools, Less Than $2500	6636	3910	563	365
3571	Punching & Shearing Machines, Incl. Combination, NC	66	7490	7	994
3573	Shearing Machines, Non-NC	78	3514	7	125
3575	Punching & Combination Punching & Shearing Machines, Non-NC	541	9299	47	1307
3578	Bending, Folding, Straightening & Flattening Machines, NC	77	4988	3	70
3582	Press Brakes, Non-NC	34	1190	7	404
3583	Bending Rolls, Ram & Press Bending Machines, Non-NC	15	1035	1	20
3584	Bending, Folding, Str. & Flattening Machines, Non-NC, N.E.C.	668	21442	78	2877
3588	Mechanical Presses	225	20189	31	2184
3589	Hydraulic Presses, Vertical, Single Action	52	6520	3	199
3590	Hydraulic & Pneumatic Presses	671	36129	94	2534
3594	Headers & Upsetters, Non-NC	80	11974	4	558
3595	Forging Machines, Non-NC, N.E.C.	157	5215	12	349
3598	Metal Forming Machine Tools, Non-NC, N.E.C.	915	67430	126	6157
	TOTAL FORMING			1014	23774
	TOTAL FORMING YTD	10898	235664		
	TOTAL ALL TYPES			3283	57558
	TOTAL ALL TYPES YTD	47225	578418		

*CODE 6744000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3015, 3241, 3252, 3261, 3272, 3501, 3526, & 3554.

**CODE 6745000 SHOWN ABOVE REPRESENTS COMBINED DATA FROM CODES 674 3243, 3253, 3262, 3273, 3502, 3527, & 3557.

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	AUSTRIA		BELGIUM		DENMARK		FRANCE		IRELAND	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	2	182	0	0	0	0	0	0
3206	0	0	1	122	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	7	25	0	0
3264	0	0	0	0	0	0	1	61	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	1	296	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	2	147	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	12	783	0	0	4	245	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	0	0
5000	0	0	79	43	0	0	0	0	0	0
CUT MO	12	783	84	494	4	245	9	382	0	0
CUT YTD	95	16458	681	11309	7	728	213	4157	35	415
1011	0	0	0	3	0	0	0	901	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	0	0	0	0	93	17	1	2
3571	0	0	0	0	0	0	2	352	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	0	0	0	0	8	258
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	382	1	33	4	416	3	84
3588	0	0	0	0	0	0	1	215	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	1	8	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	0	0	0	0	2	10	0	0
FRM MO	0	0	1	385	1	33	103	1919	12	343
FRM YTD	16	261	238	1105	10	286	265	5658	30	1299
TOT MO	12	783	85	879	5	278	112	2301	12	343
TOT YTD	111	16719	919	12414	17	1014	478	9816	65	1713

U S EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	ITALY		NETHERLANDS		POLAND		SPAIN		SWEDEN	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	3	769	0	0	0	0	0	0	0	0
3045	3	1491	0	0	0	0	0	0	2	289
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	1	121	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	58	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	241	0	0	0	0	0	0	0	0
3528	1	238	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	3	134	0	0	0	0	0	0	0	0
3532	0	0	0	0	0	0	2	8	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	3	92	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	13	204	0	0	0	0	0	0	0	0
5000	0	0	0	0	0	0	7	6	22	34
CUT MO	28	3290	0	0	0	0	10	73	24	323
CUT YTD	1197	8174	368	1537	32	3637	324	980	186	1963
1011	0	5	0	34	0	0	0	0	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	45	9	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	4	123	0	0	0	0	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	1	6	0	0	3	260	12	143
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	91	1	142	0	0	0	0	0	0
3594	1	229	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	3	83	0	0	0	0	1	700
FRM MO	6	449	50	274	0	0	3	260	13	843
FRM YTD	99	4986	128	2305	1	325	18	1319	54	2923
TOT MO	34	3739	50	274	0	0	13	332	37	1165
TOT YTD	1296	13160	496	3842	33	3962	342	2300	240	4886

U S EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	SWITZERLAND		U. KINGDOM		USSR		W. GERMANY		YUGOSLAVIA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	1	70	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	2	165	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	1	50	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3233	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	219	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	1	45	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	1	25	0	0	0	0	0	0
3518	0	0	1	14	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	1	239	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	0	0	1	4	0	0	2	18	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	1	123	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	6	77	8	98	0	0
3546	0	0	0	0	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	1	53	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	1	143	0	0	0	0	0	0
3565	0	0	1	4	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	3	6	8	213	0	0	61	13	0	0
5000	1	2	92	75	0	0	163	118	0	0
CUT MO	4	8	107	766	6	77	241	923	0	0
CUT YTD	440	3424	3215	11401	9	273	1173	18072	6	1299
1011	0	5	0	106	0	0	0	48	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	9	8	0	0	38	14	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	9	243	0	0	1	23	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	4	93	0	0	5	99	0	0
3588	0	0	0	0	0	0	0	0	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	1	7	0	0	2	162	0	0
3594	0	0	0	0	0	0	1	315	0	0
3595	0	0	1	5	0	0	0	0	0	0
3598	0	0	1	25	0	0	3	52	0	0
FRM MO	0	5	25	487	0	0	50	713	0	0
FRM YTD	23	1780	293	8934	36	1042	535	8149	6	177
TOT MO	4	13	132	1254	6	77	291	1636	0	0
TOT YTD	463	5204	3508	20334	45	1315	1708	26221	12	1476

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	OTH	EUROPE	CANADA		MEXICO		OTH N & C		ARGENTINA	
674:	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	1	77	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	166	0	0	0	0	0	0
3211	0	0	0	0	1	22	0	0	1	77
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	1	105	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	17	300	1	9	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	2	132	13	332	0	0	0	0
3264	0	0	0	0	2	286	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	1	26	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	9	209	2	46	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	1	300	0	0	0	0	0	0
3283	0	0	0	0	10	141	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	3	337	0	0	0	0	1	70
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	1	125	0	0	0	0	0	0
3510	0	0	2	28	0	0	0	0	0	0
3511	0	0	2	300	0	0	0	0	0	0
3512	0	0	0	0	2	241	0	0	0	0
3515	0	0	1	4	0	0	0	0	0	0
3516	0	0	9	152	0	0	0	0	0	0
3518	0	0	1	9	10	156	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	1	35	0	0	0	0	0	0
3525	0	0	1	134	4	68	0	0	0	0
3528	0	0	1	246	0	0	0	0	0	0
3529	0	0	2	25	1	8	0	0	0	0
3531	0	0	13	113	1	45	0	0	0	0
3532	1	8	1	12	2	30	0	0	0	0
3533	0	0	1	6	0	0	0	0	0	0
3538	0	0	0	0	3	59	0	0	0	0
3541	0	0	4	134	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	3	285	0	0	0	0
3546	0	0	18	154	11	71	0	0	0	0
3547	1	12	0	0	0	0	0	0	0	0
3549	0	0	0	0	1	6	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	1	16	0	0
3559	0	0	3	60	1	13	0	0	0	0
3565	0	0	10	99	19	165	2	7	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	6	288	4	680	1	37	0	0
4000	0	0	50	429	196	1155	5	4	3	79
5000	0	0	535	411	136	83	8	12	0	0
CUT MO	2	21	688	4128	431	4138	19	121	5	226
CUT YTD	433	2594	6279	55403	4810	49467	762	2158	88	1254
1011	0	9	0	350	0	247	0	6	0	0
3568	0	0	1	2	22	342	1	50	0	0
3569	0	0	293	213	44	69	5	5	0	0
3571	1	173	2	221	0	0	0	0	0	0
3573	0	0	1	3	0	0	0	0	0	0
3575	0	0	1	262	3	22	1	7	0	0
3578	1	15	0	0	0	0	0	0	0	0
3582	0	0	4	194	1	36	0	0	0	0
3583	0	0	0	0	0	0	1	20	0	0
3584	5	271	13	452	5	61	4	43	0	0
3588	0	0	0	0	4	41	2	43	1	200
3589	0	0	0	0	2	153	0	0	0	0
3590	0	0	2	54	33	470	2	34	0	0
3594	0	0	2	14	0	0	0	0	0	0
3595	0	0	0	0	7	53	2	15	0	0
3598	0	0	9	663	66	3036	0	0	0	0
FRM MO	7	468	328	2428	187	4531	18	220	1	200
FRM YTD	164	4012	4414	33330	1804	29207	135	1507	17	702
TOT MO	9	489	1016	6555	618	8669	37	342	6	427
TOT YTD	597	6606	10693	88734	6614	78674	897	3666	105	1956

U S EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	BRAZIL		COLOMBIA		VENEZUELA		OTH S AM		CHINA	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	3	540	0	0	2	306
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	1	100	0	0	0	0	0	0
3211	1	202	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	2	623	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	6	200	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	6	4155	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	58	360	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	1	25
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	4	12	0	0	1	3	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	2	13	0	0	0	0	0	0	2	23
3533	0	0	0	0	0	0	0	0	3	37
3538	0	0	0	0	2	16	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	1	194
3546	0	0	0	0	0	0	2	44	1	17
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	19	0	0	1	20
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	1	97	4	5	1	6	2	15	11	27
5000	0	0	0	0	2	3	11	14	0	0
CUT MO	12	5089	9	116	73	1144	16	76	22	648
CUT YTD	215	14268	221	2125	1184	5161	323	2310	794	19932
1011	0	11	0	0	0	6	0	4	0	0
3568	0	0	2	34	0	0	0	0	0	0
3569	0	0	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	1	4	0	0	6	58	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	1	49	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	2	325	0	0	0	0
3588	0	0	1	22	0	0	0	0	2	51
3589	0	0	0	0	0	0	0	0	0	0
3590	1	10	0	0	11	1051	0	0	1	16
3594	0	0	0	0	0	0	0	0	0	0
3595	1	26	0	0	0	0	0	0	0	0
3598	0	0	0	0	19	309	0	0	0	0
FRM MO	3	50	4	105	38	1749	0	4	3	67
FRM YTD	108	7249	46	804	207	7061	328	583	152	19528
TOT MO	15	5139	13	222	111	2893	16	81	25	716
TOT YTD	323	21517	267	2929	1391	12222	651	2893	946	39459

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	HONG KONG		INDIA		INDONESIA		ISRAEL		JAPAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	2	53	0	0	0	0	0	0	3	72
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	1	92
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	3	235
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	3	909	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	1	521
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	137	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	5	218
3529	0	0	0	0	0	0	0	0	1	518
3531	0	0	0	0	0	0	0	0	1	3
3532	0	0	0	0	0	0	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	1	187	0	0	0	0	0	0	3	111
3546	0	0	0	0	0	0	0	0	2	55
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	3	646
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	1	62	0	0	7	362
3566	0	0	0	0	0	0	4	85	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	0	0	0	0	0	0	0	0	22	95
5000	20	22	10	9	4	2	9	11	28	2
CUT MO	24	398	13	918	5	64	13	96	80	2929
CUT YTD	771	2189	200	3982	45	1023	1787	1854	4337	26615
1011	0	6	0	32	0	0	0	0	0	5
3568	0	0	0	0	0	0	0	0	1	107
3569	1	2	0	0	0	0	0	0	9	8
3571	1	179	0	0	0	0	0	0	1	69
3573	0	0	0	0	0	0	0	0	4	93
3575	0	0	2	31	0	0	0	0	4	50
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	0	0	1	24
3588	1	60	0	0	0	0	0	0	4	751
3589	0	0	0	0	0	0	0	0	0	0
3590	0	0	0	0	0	0	0	0	34	353
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	1	251
3598	1	20	0	0	0	0	0	0	5	534
FRM MO	4	266	2	63	0	0	0	0	64	2244
FRM YTD	55	1399	16	912	4	529	12	393	293	24043
TOT MO	28	665	15	981	5	64	13	96	144	5173
TOT YTD	826	3587	216	4894	49	1553	1799	2248	4630	50658

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

	KOREAN REP		PAKISTAN		S ARABIA		SINGAPORE		TAIWAN	
674	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	3	1552	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	1	1815	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	0	0	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	6	188	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	0	0	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	1	11	0	0	0	0	3	31	1	157
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	1	115	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	0	0	0	0	0	0
3532	1	18	0	0	1	8	0	0	4	45
3533	0	0	0	0	0	0	0	0	0	0
3538	2	46	0	0	0	0	0	0	0	0
3541	1	540	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	1	5	0	0
3546	0	0	0	0	0	0	1	64	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	4	109	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	3	30	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	4	72	0	0	3	22	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	0	0	0	0	0	0
4000	2	88	0	0	0	0	7	49	1	7
5000	14	10	13	9	73	94	16	14	11	7
CUT MO	32	4383	17	80	77	132	35	293	17	216
CUT YTD	1131	39259	308	1107	347	520	841	4997	659	6825
1011	0	62	0	0	0	0	0	0	0	476
3568	4	2590	0	0	0	0	0	0	0	0
3569	12	9	0	0	0	0	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	2	28	0	0	0	0	0	0	0	0
3575	5	210	0	0	0	0	0	0	1	7
3578	2	55	0	0	0	0	0	0	0	0
3582	1	124	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	0	0	1	5	12	156
3588	1	303	0	0	0	0	11	450	0	0
3589	0	0	0	0	0	0	0	0	0	0
3590	1	26	0	0	0	0	1	9	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	3	85	0	0	0	0	0	0	0	0
FRM MO	31	3491	0	0	0	0	13	464	13	639
FRM YTD	384	38292	5	50	53	73	165	4333	58	4244
TOT MO	63	7875	17	80	77	132	48	757	30	855
TOT YTD	1515	77551	313	1157	400	593	1006	9329	717	11069

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

674	TURKEY		OTHER ASIA		AUSTRALIA		NEW ZEALAND		OTH OCEANIA	
	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000	UNITS	$000
3020	0	0	0	0	0	0	0	0	0	0
3045	0	0	0	0	0	0	0	0	0	0
3204	0	0	0	0	0	0	0	0	0	0
3206	0	0	0	0	0	0	0	0	0	0
3209	0	0	0	0	0	0	0	0	0	0
3211	0	0	0	0	0	0	0	0	0	0
3216	0	0	0	0	0	0	0	0	0	0
3225	0	0	0	0	0	0	0	0	0	0
3245	0	0	0	0	0	0	0	0	0	0
3246	0	0	0	0	0	0	0	0	0	0
3247	0	0	0	0	0	0	0	0	0	0
3248	0	0	0	0	0	0	0	0	0	0
3249	0	0	0	0	0	0	1	14	0	0
3254	0	0	0	0	0	0	0	0	0	0
3255	0	0	0	0	0	0	0	0	0	0
3256	0	0	0	0	0	0	0	0	0	0
3257	0	0	0	0	0	0	0	0	0	0
3258	0	0	0	0	0	0	0	0	0	0
3264	0	0	0	0	0	0	0	0	0	0
3266	0	0	0	0	0	0	0	0	0	0
3267	0	0	0	0	0	0	0	0	0	0
3268	0	0	0	0	0	0	0	0	0	0
3269	0	0	0	0	0	0	0	0	0	0
3276	0	0	0	0	0	0	0	0	0	0
3277	0	0	0	0	0	0	0	0	0	0
3281	0	0	0	0	0	0	0	0	0	0
3283	0	0	0	0	0	0	0	0	0	0
3503	0	0	0	0	0	0	0	0	0	0
3505	0	0	0	0	0	0	0	0	0	0
3507	0	0	0	0	0	0	0	0	0	0
3509	0	0	0	0	0	0	0	0	0	0
3510	0	0	0	0	0	0	0	0	0	0
3511	0	0	0	0	0	0	0	0	0	0
3512	0	0	0	0	0	0	0	0	0	0
3515	0	0	0	0	1	26	0	0	0	0
3516	0	0	0	0	0	0	0	0	0	0
3518	0	0	0	0	0	0	0	0	0	0
3521	0	0	0	0	0	0	0	0	0	0
3523	0	0	0	0	0	0	0	0	0	0
3525	0	0	0	0	0	0	0	0	0	0
3528	0	0	0	0	0	0	0	0	0	0
3529	0	0	0	0	0	0	0	0	0	0
3531	0	0	0	0	1	6	0	0	0	0
3532	0	0	0	0	1	4	0	0	0	0
3533	0	0	0	0	0	0	0	0	0	0
3538	0	0	0	0	0	0	0	0	0	0
3541	0	0	0	0	0	0	0	0	0	0
3542	0	0	0	0	0	0	0	0	0	0
3544	0	0	0	0	0	0	0	0	0	0
3546	0	0	6	408	0	0	0	0	0	0
3547	0	0	0	0	0	0	0	0	0	0
3549	0	0	0	0	0	0	0	0	0	0
3551	0	0	0	0	0	0	0	0	0	0
3553	0	0	0	0	0	0	0	0	0	0
3559	0	0	0	0	0	0	0	0	0	0
3565	0	0	0	0	0	0	0	0	0	0
3566	0	0	0	0	0	0	0	0	0	0
3567	0	0	0	0	1	17	0	0	0	0
4000	3	294	6	28	4	82	0	0	1	20
5000	29	20	25	14	33	35	5	7	0	0
CUT MO	32	314	37	450	41	169	6	21	1	20
CUT YTD	278	7154	492	1765	1568	5296	54	155	4	26
1011	0	0	0	8	0	131	0	19	0	0
3568	0	0	0	0	0	0	0	0	0	0
3569	0	0	2	2	11	9	0	0	0	0
3571	0	0	0	0	0	0	0	0	0	0
3573	0	0	0	0	0	0	0	0	0	0
3575	0	0	0	0	1	8	0	0	0	0
3578	0	0	0	0	0	0	0	0	0	0
3582	0	0	0	0	0	0	0	0	0	0
3583	0	0	0	0	0	0	0	0	0	0
3584	0	0	0	0	1	25	0	0	0	0
3588	0	0	3	48	0	0	0	0	0	0
3589	0	0	0	0	1	46	0	0	0	0
3590	0	0	0	0	2	102	0	0	0	0
3594	0	0	0	0	0	0	0	0	0	0
3595	0	0	0	0	0	0	0	0	0	0
3598	0	0	1	327	2	166	1	10	0	0
FRM MO	0	0	6	384	18	488	1	29	0	0
FRM YTD	56	3844	156	2615	335	5077	18	664	2	20
IOT MO	32	314	43	835	59	657	7	50	1	20
IOT YTD	334	10998	648	4381	1903	10374	72	819	6	46

U.S. EXPORTS OF MACHINE TOOLS
TOTAL AND COUNTRIES OF DESTINATION BY TYPE OF MACHINE
NOVEMBER 1987

674	EGYPT UNITS	EGYPT $000	REP. S. AFR UNITS	REP. S. AFR $000	OTH. AFRICA UNITS	OTH. AFRICA $000
3020	0	0	0	0	0	0
3045	0	0	0	0	0	0
3204	0	0	0	0	0	0
3206	0	0	0	0	0	0
3209	0	0	0	0	0	0
3211	0	0	0	0	0	0
3216	0	0	0	0	0	0
3225	0	0	0	0	0	0
3245	0	0	0	0	0	0
3246	0	0	0	0	0	0
3247	0	0	0	0	0	0
3248	0	0	0	0	0	0
3249	0	0	0	0	0	0
3254	0	0	0	0	0	0
3255	0	0	0	0	0	0
3256	0	0	0	0	0	0
3257	0	0	0	0	0	0
3258	0	0	0	0	0	0
3264	0	0	0	0	0	0
3266	0	0	0	0	0	0
3267	0	0	0	0	0	0
3268	0	0	0	0	0	0
3269	0	0	0	0	0	0
3276	0	0	0	0	0	0
3277	0	0	0	0	0	0
3281	0	0	0	0	0	0
3283	0	0	0	0	0	0
3503	0	0	0	0	0	0
3505	0	0	0	0	0	0
3507	0	0	0	0	0	0
3509	0	0	0	0	0	0
3510	0	0	0	0	0	0
3511	0	0	0	0	0	0
3512	0	0	0	0	0	0
3515	0	0	0	0	0	0
3516	0	0	0	0	0	0
3518	0	0	0	0	0	0
3521	0	0	0	0	0	0
3523	0	0	0	0	0	0
3525	0	0	0	0	0	0
3528	0	0	0	0	0	0
3529	0	0	0	0	0	0
3531	0	0	0	0	0	0
3532	0	0	1	13	0	0
3533	0	0	0	0	0	0
3538	0	0	0	0	0	0
3541	0	0	0	0	0	0
3542	0	0	0	0	0	0
3544	0	0	0	0	0	0
3546	0	0	0	0	0	0
3547	0	0	0	0	0	0
3549	0	0	0	0	0	0
3551	0	0	0	0	0	0
3553	0	0	0	0	0	0
3559	0	0	0	0	0	0
3565	0	0	0	0	0	0
3566	0	0	0	0	0	0
3567	0	0	0	0	0	0
4000	3	26	4	136	0	0
5000	0	0	25	49	0	0
CUT MO	3	26	30	197	0	0
CUT YTD	14	272	358	904	43	241
1011	0	0	0	28	0	0
3568	0	0	0	0	0	0
3569	0	0	0	0	0	0
3571	0	0	0	0	0	0
3573	0	0	0	0	0	0
3575	0	0	0	0	0	0
3578	0	0	0	0	0	0
3582	0	0	0	0	0	0
3583	0	0	0	0	0	0
3584	0	0	0	0	0	0
3588	0	0	0	0	0	0
3589	0	0	0	0	0	0
3590	0	0	0	0	0	0
3594	0	0	0	0	0	0
3595	0	0	0	0	0	0
3598	0	0	9	137	0	0
FRM MO	0	0	9	165	0	0
FRM YTD	83	586	67	1044	9	2977
TOT MO	3	26	39	362	0	0
TOT YTD	97	858	425	1949	52	3218

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMNS
NOVEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER EUROPE						
AZORES	0	0	0	0	0	0
BULGARIA	0	0	4	220	4	220
CYPRUS	0	0	0	0	0	0
CZECHOSLOVAKIA	0	0	0	0	0	0
EAST GERMANY	0	0	0	0	0	0
FINLAND	1	12	2	67	3	79
GIBRALTAR	0	0	0	0	0	0
GREECE	0	0	0	0	0	0
HUNGARY	0	0	0	0	0	0
ICELAND	0	0	0	0	0	0
MALTA	0	0	0	0	0	0
NORWAY	1	8	1	182	2	190
PORTUGAL	0	0	0	0	0	0
ROMANIA	0	0	0	0	0	0
OTHER EUROPE	0	0	0	0	0	0
TOTAL	2	21	7	468	9	489
OTHER NORTH AND CENTRAL AMERICA						
BAHAMAS	0	0	1	20	1	20
BARBADOS	0	0	0	0	0	0
BELIZE	0	0	0	0	0	0
BERMUDA	0	0	1	7	1	7
CAYMAN ISLANDS	0	0	0	0	0	0
COSTA RICA	5	50	0	0	5	50
DOMINICAN REP	3	2	2	15	5	17
FR W INDIES	0	0	0	0	0	0
GUATEMALA	0	0	3	95	3	95
HAITI	0	0	0	0	0	0
HONDURAS	2	40	4	43	6	82
JAMAICA	0	0	0	0	0	0
LW & WW IS	0	0	0	0	0	0
NICARAGUA	0	0	0	0	0	0
N ANTILLES	0	0	0	0	0	0
PANAMA	3	17	5	5	8	22
SALVADOR	6	12	0	4	6	16
TRINIDAD	0	0	2	34	2	34
TURK ISLAND	0	0	0	0	0	0
OTHER N & C AM	0	0	0	0	0	0
TOTAL	19	121	18	220	37	342
OTHER SOUTH AMERICA						
BOLIVIA	0	0	0	0	0	0
CHILE	10	63	0	0	10	63
ECUADOR	2	5	0	4	2	9
FRENCH GUIANA	0	0	0	0	0	0
GUYANA	0	0	0	0	0	0
PARAGUAY	0	0	0	0	0	0
PERU	4	9	0	0	4	9
SURINAM	0	0	0	0	0	0
URAGUAY	0	0	0	0	0	0
OTHER S. AM.	0	0	0	0	0	0
TOTAL	16	76	0	4	16	81
OTHER OCEANIA						
FR PAC IS	0	0	0	0	0	0
NEW GUINEA	0	0	0	0	0	0
SAMOA	0	0	0	0	0	0
TERR PAC IS	0	0	0	0	0	0
OTH PAC IS	1	20	0	0	1	20
OTHER OCEANIA	0	0	0	0	0	0
TOTAL	1	20	0	0	1	20

U.S. EXPORTS OF MACHINE TOOLS TOTAL AND COUNTRIES OF DESTINATION
THE FOLLOWING IS A BREAKDOWN OF THE ACTIVITY BY COUNTRY WHICH IS INCLUDED IN THE
ALL OTHER COLUMN
NOVEMBER 1987

	METAL CUTTING		METAL FORMING		TOTAL	
	UNITS	$000	UNITS	$000	UNITS	$000
OTHER ASIA						
ADEN	0	0	0	0	0	0
AFGHANISTAN	0	0	0	0	0	0
ARAB EMIRATES	0	0	0	0	0	0
BAHRAIN	0	0	0	0	0	0
BANGALDESH	0	0	0	0	0	0
BRUNEI	0	0	0	0	0	0
BURMA	0	0	0	0	0	0
GAZA STRIP	0	0	0	0	0	0
IRAN	0	0	0	0	0	0
IRAQ	0	0	0	0	0	0
JORDAN	0	0	0	0	0	0
KUWAIT	0	0	0	0	0	0
LEBANON	0	0	0	0	0	0
MALAYSIA	18	416	2	2	20	417
NEPAL	0	0	0	0	0	0
OMAN	0	0	0	0	0	0
PHILIPPINES	0	0	0	8	0	8
QATAR	0	0	0	0	0	0
SRI LANKA	0	0	0	0	0	0
SYRIA	0	0	0	0	0	0
THAILAND	19	35	4	375	23	409
YEMEN	0	0	0	0	0	0
OTHER ASIA	0	0	0	0	0	0
TOTAL	37	450	6	384	43	835
OTHER AFRICA						
AFARS & ISSAS	0	0	0	0	0	0
ALGERIA	0	0	0	0	0	0
ANGOLA	0	0	0	0	0	0
BENIN	0	0	0	0	0	0
BOTSWANA	0	0	0	0	0	0
CAMEROON	0	0	0	0	0	0
CANARY ISLANDS	0	0	0	0	0	0
DAHOMENY	0	0	0	0	0	0
ETHIOPIA	0	0	0	0	0	0
GABON	0	0	0	0	0	0
GHANA	0	0	0	0	0	0
GUINEA	0	0	0	0	0	0
IVORY COAST	0	0	0	0	0	0
KENYA	0	0	0	0	0	0
LESOTHO	0	0	0	0	0	0
LIBERIA	0	0	0	0	0	0
LIBYA	0	0	0	0	0	0
MALAGASY REP	0	0	0	0	0	0
MALAWI	0	0	0	0	0	0
MAURITANIA	0	0	0	0	0	0
MAURITIUS	0	0	0	0	0	0
MOROCCO	0	0	0	0	0	0
MOZAMBIQUE	0	0	0	0	0	0
NIGER	0	0	0	0	0	0
NIGERIA	0	0	0	0	0	0
RWANDA	0	0	0	0	0	0
SENEGAL	0	0	0	0	0	0
SIERRA LEONE	0	0	0	0	0	0
SOMALIA	0	0	0	0	0	0
S. W. AFRICA	0	0	0	0	0	0
SUDAN	0	0	0	0	0	0
SWAZILAND	0	0	0	0	0	0
TANZANIA	0	0	0	0	0	0
TOGO	0	0	0	0	0	0
TUNISIA	0	0	0	0	0	0
UGANDA	0	0	0	0	0	0
ZAIRE	0	0	0	0	0	0
ZAMBIA	0	0	0	0	0	0
ZIMBABWE	0	0	0	0	0	0
OTH. WEST AFR	0	0	0	0	0	0
OTHER AFRICA	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0

SOURCE U.S. DEPARTMENT OF COMMERCE CENSUS REPORT NO. EM522, NATIONAL MACHINE TOOL BUILDERS' ASSOCIATION

NOTES 1)'0-' = DOLLAR AMOUNT LESS THAN $500 2)N.E.C. - NOT ELSEWHERE CLASSIFIED
3)INDIVIDUAL ITEMS MAY NOT ADD TO TOTALS DUE TO ROUNDING.